

REPORT ON 1970 ENGINEERING HOUSE

The 1970 Engineering Open House was held on the Engineering and the Agricultural Engineering campuses March 6, 10:00 a. m. to 8:00 p. m., and March 7, 9:00 a. m. to 3:00 p. m. It is impossible to give a good estimate of the number of visitors. Attendance was down somewhat from that of 1969; probably between 2000 and 3000 attended. As usual, the high school and grade school students came on Friday and Saturday, with University of Illinois students and adult area visitors attending Friday evening and Saturday. The weather was ideal both days.

Due to a lack of student interest, no student Central Committee existed for the 1970 Open House. It had been decided by the College Open House Committee in October 1969 to hold Open House, with each department participating in any way it saw fit. Several departments displayed their classrooms and laboratories; others exhibited typical applications of their principles. The Open House Committee acted as a Central Committee. The obvious tasks were identified, and certain students volunteered to see that they were carried out. Professor Herbert Sprengle acted as Publicity Chairman. A letter was sent February 2, 1970, over the General Chairman's signature, to all junior and senior high schools in the state. (A copy of the letter is attached.) The junior colleges were erroneously omitted. They should be included in the future.

Miss Carole Tomlinson, a sophomore in Civil Engineering, with the help of Engineering Publications, designed the program. A copy is attached--10,000 printed.

Mr. David Burgener, an Agricultural Engineer, contacted Mr. Joe Blaze, Supervisor of Security and Traffic, and Blaze arranged for bus parking. Mr. Burgener hooded meters and erected bus parking signs on the east side of Wright Street from Healey to Clark; the east side of Mathews from Green to Springfield; and the north side of Springfield from Wright to Goodwin.

One press release was mailed January 28 through Mr. Wildhagen's office (copy attached). On February 6, Chairman Egbert (EE), Carole Tomlinson (CE), Chris Lauritis (TAM), and Dave Roney (Agr Eng) were interviewed by Tim Moore for a four-minute spot on WCIA TV Channel 3. Three exhibits were shown and explained. The taping was shown February 16 between halves of the Illinois/Iowa Basketball game.

The student demonstration that occurred March 2 and 3rd in and about the Electrical Engineering Building had been publicized in all press media. Several schools were concerned for the safety of their students attending Open House. Many calls were received at the College office and at the office of the Chairman. This adverse publicity, together with the nominal statewide publicity, probably contributed to the smaller crowd than in previous years.

Dismissal of classes on Friday was left to each department. Some departments did not dismiss classes at all. Those more involved in O. H. let out classes at 9:00 a. m., Friday. Conflict with non-engineering classes using engineering classrooms caused some friction. Visitors in the halls caused a considerable noise problem.

Professor John Gordon (EE), coordinated the awards offered for various activities. Prof. Ross Martin, J. R. Orr, R. E. Miller, and J. Wait acted as judges. A list of the winners is attached.

I believe that the 1970 Engineering Open House was successful. While not as extensive or as well attended as in previous years, it offered many interesting displays. Students who participated received much personal satisfaction and gain; faculty who helped seemed to enjoy the spirit generated by the cooperative activity.

* * * * *

RECOMMENDATIONS:

A few observations might insure a better Open House in 1971 (March 12-13, 1971).

- 1) Someone in the Dean's office should be designated as Open House Secretary. The office and telephone numbers should be listed on all correspondence. Mail would be sent to the Open House Secretary. That office should also provide typing service and other help for official Open House business. These details do not interest volunteer student workers. The Dean's office should have a check-list of things to be done with the appropriate dates for execution of the tasks.
- 2) Engineering Council should be asked to select the Central Committee composed of Chairman, Treasurer, Secretary, Coordinator of Exhibits, Graphic Arts, Tours, Traffic, Space and Safety, and Publicity Chairman. These positions should be filled by April 15, 1970. The students should do the actual planning and design of Open House.
- 3) The first letter to the grade, junior and senior high schools, and junior colleges should be sent out in December, 1970. The letter should contain dates, times, housing information (with costs), names, addresses, telephone numbers of the Housing Director, bus parking information, and guide service available; also some descriptive material of Open House. This letter should be followed February 15 with a reminder, including a map of the tour routes. All letters could be printed in the Electrical Engineering or Engineering Publication shops and mailed at the bulk rate through the University Mailing Service. No handling need be done by the students. (There is a supply of O. H. stationery on hand in the possession of the present Chairman.)

- 4) Mr. Art Wildhagen, University Publicity, should be contacted in the Fall for periodic newspaper releases. Information from the Engineering departments is needed for this.
- 5) In February, a five-minute radio tape prepared by Mrs. Engert at WILL Radio should be released throughout the state on Radio Illinois Report.
- 6) All Engineering classes should be dismissed at the same time for Open House. Non-engineering classes should be moved to quieter locations. This is the job of the Space Coordinator.
- 7) Information booths should be located at strategic points on the tour route.
- 8) I believe Open House serves a far more important function than most of us realize. Many young students will be motivated to attend the University of Illinois because of the trip to our campus. We must, however, do a good job. Better planning and harder work can make ENGINEERING OPEN HOUSE 1971 one we can be proud of.

Paul R. Egbert, Chairman
Engineering Open House 1970

hb 3-27-70

4 attachments

Sent to all College Open House Committee members
and

Dean Drucker
Dean Wakeland

and
Galen Foat

Engineering
Hall



ENGINEERING
OPEN HOUSE

To the head of the
Science Department

February 2, 1970

We wish to invite you to attend the annual Engineering Open House here on the campus in just a few weeks. We also wish to invite all of the students from your school that can make it.

For over sixty years the University of Illinois College of Engineering has opened its laboratories and classrooms to high school students and their teachers so that they can get a first-hand look at their University in action. This is especially beneficial to those interested in engineering and science, however it has also been useful for students who plan to pursue higher education in other fields, or are just interested in seeing their University.

The 1970 Engineering Open House will be held here on the Urbana campus on

Friday, March 6, from 10 AM to 8 PM and
Saturday, March 7, from 9 AM to 3 PM

There will be plenty of parking places for automobiles and buses - so plan to organize a group trip if possible or come by cars.

Please forward this letter to others on your faculty that might be interested in this trip - may I suggest instructors in mathematics, physics, chemistry or vocational counseling.

We look forward to welcoming you and your students on Friday and Saturday, March 6 and 7.

Sincerely,

P. R. Egbert
Open House Chairman

The University of Illinois
at the Champaign-Urbana Campus, Urbana 61801

OFFICE OF PUBLIC INFORMATION
University of Illinois at Urbana-Champaign

Immediate Release
Mailed 1/28/70

URBANA, Ill.--Engineering Open House at the University of Illinois at Urbana-Champaign will be March 6 and 7, Dean Daniel C. Drucker of the College of Engineering announced today.

The annual event brings thousands of high school, junior college and college students and interested citizens to the campus to see exhibits showing engineering accomplishments and training for the profession.

Areas involved will include aeronautical and astronautical, ceramic, electrical, general, mechanical and industrial, metallurgy and mining, nuclear, chemical, and agricultural engineers; theoretical and applied mechanics, and physics.

-arw-

68/mm

1970 ENGINEERING OPEN HOUSE

EXHIBIT CONTEST

PRIZE WINNERS

I. Exhibits by engineering societies

Winner: Larry W. Koch (M. E. and I. E.)
The AIEE Coaster Factory

Runner-up: Daniel J. Kocher (E. E.)
EE 100: An experience for Freshmen

II. Exhibits that best explain the role of engineering in our society

Winner: Cwen K.S. Yoshimura (T. A. M.)
The Determination of Protected Head Response
to Impace Using Mechanical Parameters

Runner-up: Thomas F. Kneisel (E. E.)
Pictures from Space

III. Exhibits that best represent engineering research in a given field

Winner: Wayne A. Knepp (Ag. E.)
Dynamic Hailstone Studies

Runner-up: Donald Tate (Ag. E.)
A New Header for Soybean Harvesting

IV. Exhibits that best explain principles of engineering science

Winner: Robert J. Gustafson (Ag. E.)
Density Change During Drying of Shell Corn

Runner-up: Dean E. Easler (E. E.)
Undergraduate Solid State Fabrication Lab